

Please Direct All Correspondence to Customer Number 20995

TRANSMITTAL LETTER

INFORMATION DISCLOSURE STATEMENT

Applicant : Phan et al.  
App. No : 10/086, 941  
Filed : February 26, 2002  
For : METHODS FOR DNA CONJUGATION  
ONTO SOLID PHASE INCLUDING  
RELATED OPTICAL BIODISCS AND  
DISC DRIVE SYSTEMS  
Examiner : Frank W. Lu  
Art Unit : 1634

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

June 3, 2005  
(Date)

Jerry L. Heffner, Reg. No. 53,009

Mail Stop Amendment

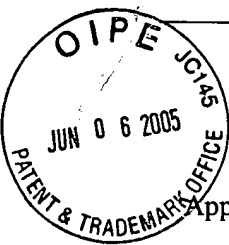
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing 93 references.
  - (X) Enclosed 15 references.
- (X) A check in the amount of \$180 to cover the above fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Jerry L. Heffner  
Registration No. 53,009  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



## INFORMATION DISCLOSURE STATEMENT

Applicant : Phan et al.  
App. No : 10/086,941  
Filed : February 26, 2002  
For : METHODS FOR DNA CONJUGATION  
ONTO SOLID PHASE INCLUDING  
RELATED OPTICAL BIODISCS AND  
DISC DRIVE SYSTEMS  
Examiner : Frank W. Lu  
Art Unit : 1634

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is an Information Disclosure Statement by Applicant (PTO/SB/08 equivalent) listing 93 references to be considered by the Examiner. Enclosed are 15 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: June 3, 2005

06/07/2005 SLUANG1 00000007 10086941

01 FC:1806

180.00 OP

By: 

Jerry L. Hether  
Registration No. 53,009  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 4

Application No.	10/086,941
Filing Date	February 26, 2002
First Named Inventor	Brigitte Chau Phan
Art Unit	1634
Examiner	Frank W. Lu
Attorney Docket No.	NAGACO.021CP

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	3,791,932	02.12.1974	Schuurs et al.	
	2	3,979,509	09.07.1976	Glaever	
	3	4,363,874	12.14.1982	Greenquist	
	4	4,542,102	09.17.1985	Dattagupta et al.	
	5	4,868,405	09.19.1989	Urdea et al.	
	6	4,916,056	04.10.1990	Brown, III et al.	
	7	5,412,087	05.02.1995	McGall et al.	
	8	5,424,186	06.13.1995	Fodor et al.	
	9	5,445,934	08.29.1995	Fodor et al.	
	10	5,510,270	04.23.1996	Fodor et al.	
	11	5,639,609	06.17.1997	Kruse-Mueller et al.	
	12	5,755,942	05.26.1998	Zanzucchi et al.	
	13	5,858,804	01.12.1999	Zanzucchi et al.	
	14	5,863,708	01.26.1999	Zanzucchi et al.	
	15	5,900,481	05.04.1999	Lough et al.	
	16	5,922,617	07.13.1999	Wang et al.	
	17	5,935,785	08.10.1999	Reber et al.	
	18	6,013,513	01.11.2000	Reber et al.	
	19	6,030,581	02.29.2000	Virtanen	
	20	6,117,630	09.12.2000	Reber et al.	
	21	6,159,748	12.12.2000	Hechinger	
	22	6,238,869	05.29.2001	Kris et al.	
	23	6,395,562	05.28.2002	Hammock et al.	
	24	5,225,274	07.06.1993	Ogawa et al.	
	25	5,324,543	06.28.1994	Ogawa et al.	
	26	5,368,942	11.29.1994	Smith et al.	
	27	5,380,585	01.10.1995	Ogawa et al.	
	28	5,451,459	09.19.1995	Ogawa et al.	
	29	5,466,486	11.14.1995	Ogawa et al.	

Examiner Signature

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application No.	10/086,941
	Filing Date	February 26, 2002
	First Named Inventor	Brigitte Chau Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Frank W. Lu
SHEET 2 OF 4	Attorney Docket No.	NAGACO.021CP

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	30	5,593,838	01.14.1997	Zanzucchi et al.	
	31	5,635,246	06.03.1997	Ogawa et al.	
	32	5,755,913	05.26.1998	Liaw et al.	
	33	5,849,627	12.15.1998	Linn et al.	
	34	4,722,906	02.02.1988	Guire	
	35	5,281,540	01.25.1994	Merkh et al.	
	36	5,585,069	12.17.1996	Zanzucchi et al.	
	37	4,366,241	12.28.1982	Tom et al.	
	38	5,436,327	07.25.1995	Southern et al.	
	39	5,624,711	04.29.1997	Sundberg et al.	
	40	5,744,305	04.28.1998	Fodor et al.	
	41	5,837,552	11.17.1998	Cotton et al.	
	42	5,843,655	12.01.1998	McGall	
	43	5,879,774	03.09.1999	Taylor et al.	
	44	6,103,463	08.15.2000	Chetverin et al.	
	45	6,140,135	10.31.2000	Landegren et al.	
	46	6,200,755	03.13.2001	Virtanen	
	47	6,339,473	01.15.2002	Gordon	
	48	6,387,331	05.14.2002	Hunter	
	49	6,403,368	06.11.2002	Jan et al.	
	50	5,993,665	11.30.1999	Terstappen et al.	
	51	5,892,577	04.06.1999	Gordon	
	52	5,147,777	09.15.1992	Sutton et al.	
	53	5,155,166	10.13.1992	Danielson et al.	
	54	5,266,500	11.30.1993	Scensny et al.	
	55	5,912,342	06.15.1999	Heinonen et al.	
	56	6,103,537	08.15.2000	Ullman et al.	
	57	2002/0071362	06.13.2002	Worthington	
	58	2002/0076354	06.20.2002	Cohen	

Examiner Signature	Date Considered
<b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**T<sup>1</sup>** - Place a check mark in this area when an English language Translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application No.	10/086,941
	Filing Date	February 26, 2002
	First Named Inventor	Brigitte Chau Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Frank W. Lu
SHEET 3 OF 4	Attorney Docket No.	NAGACO.021CP

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	59	2002/0097658	07.25.2002	Worthington et al.	
	60	2002/0172980	11.21.2002	Phan et al.	
	61	2003/0054376	03.20.2003	Mullis et al.	
	62	2002/0145960	10.10.2002	Worthington et al.	
	63	2002/0168663	11.14.2002	Phan et al.	
	64	2002/0122364	09.05.2002	Worthington et al.	
	65	2003/0077598	04.24.2003	Phan et al.	
	66	2002/0112441	8.22.2002	Bissen et al.	
	67	2002/0163642	11.07.2002	Zoval et al	
	68	2002/0145960	10.10.2002	Worthington et al.	
	69	2002/0071359	06.13.2002	Worthington	
	70	6,760,298	07.06.2004	Worthington et al.	
	71	2002/0084634	07.04.2002	Adomeit et al.	
	72	2002/0118355	08.29.2002	Worthington et al.	
	73	2003/0104486	06.05.2003	Selvan	
	74	2002/0168652	11.14.2002	Werner et al.	
	75	2003/0003464	01.02.2003	Phan et al.	
	76	2004/0264323	12.30.2004	Worthington et al.	
	77	2003/0082568	05.01.2003	Phan et al.	
	78	5,413,939	05.09.1995	Gustafson et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	79	WO 95/34890	12.21.1995	PCT		
	80	WO 96/09548	03.28.1996	PCT		
	81	WO 98/12559	03.26.1998	PCT		
	82	2001-178460	07.03.2001	JP		
	83	WO 00/26677	05.11.2000	PCT		

Examiner Signature

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application No.	10/086,941
	Filing Date	February 26, 2002
	First Named Inventor	Brigitte Chau Phan
	Art Unit	1634
(Multiple sheets used when necessary)	Examiner	Frank W. Lu
SHEET 4 OF 4	Attorney Docket No.	NAGACO.021CP

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	84	WO 99/35499	07.15.1999	PCT		

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	85	Provisional Patent Application 60/270,095, filed February 20, 2001.	
	86	Provisional Patent Application 60/292,108, filed May 18, 2001.	
	87	Nustad, K. et al. "Covalent Coupling of Proteins to Monodisperse Particles. Preparation of Solid Phase Second Antibody," Agents Action Suppl., vol. 9, pp 207-212, 1982.	
	88	Von Klitzing, L. et al. "Comparison between Absorption and Covalent Coupling of Proteins to Solid Phases Using Different Polymers as Support", Radioimmunoassay Relat. Proced. Med., Proc. Int. Symp. 57-68., 1982.	
	89	Provisional Patent Application 60/278,697, filed March 26, 2001.	
	90	Provisional Patent Application 60/272,525, filed March 1, 2001.	
	91	U.S. Patent Application 09/378,878, filed August 23, 1999 (Atty Docket No. NAGACO.046A).	
	92	U.S. Patent Application 09/421,870, filed October 26, 1999 (Atty Docket No. NAGACO.12CPCP).	
	93	U.S. Patent Application 09/643,106, filed August 21, 2000 (Atty Docket No. NAGACO.068A).	

1531383\_1/vea  
040105

Examiner Signature	Date Considered
<b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.